

***LineUp With Math™* Alignment**

**To the Supplement to the Massachusetts Mathematics Curriculum Framework  
Grade-Level Standards, May 2004**

**Number Sense and Operations Strand**

*Students engage in problem solving, communicating, reasoning, connecting, and representing as they:*

**Grade-Level Standard**

7.N.2 Use ratios and proportions in the solution of problems involving unit rates, scale drawings, and reading of maps.

***LineUp With Math™* Activities**

--Use an interactive simulator plus calculation worksheets to apply proportional reasoning to identify and resolve distance, rate, time conflicts in air traffic control.

**Measurement Strand**

*Students engage in problem solving, communicating, reasoning, connecting, and representing as they:*

**Grade-Level Standard**

7.M.1 Select, convert (within the same system of measurement), and use appropriate units of measurement or scale.

***LineUp With Math™* Activities**

--Apply mathematics to solving distance, rate, and time problems for aircraft conflict scenarios.